

18:0 Lyso PC

1-stearoyl-2-hydroxy-sn-glycero-3-phosphocholine

855775P-1g

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Molecular Weight 523.683
Chemical Formula $C_{26}H_{54}NO_7P$
Physical State Powder
Storage $-20^{\circ}C$
Expiration Date 1 year from date of receipt
M Lot Number 5781PQA089
Avanti Lot Number 855775P-1G-A-089

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	$[M+H]^+ = 524.683 \pm 1$ amu	$[M+H]^+ = 524.6$ amu
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	104.9% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	None Detected

Approved By:



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